

ABSTRACT

Silica particle agglomerates prepared by adding an aluminum phosphate agglomerating agent with mixing to an aqueous dispersion of colloidal silica particles to form an aqueous homogeneous dispersion of silica particles and agglomerating agent and then adjusting the pH of the dispersion with mixing to about 3.5 to about 8.5 to produce the agglomerated silica particles and use of the agglomerates to prepare an ink receptive coating, as catalysts, as reinforcing fillers and as flattening agents.